Infrastructure - Story #3660

Deleting objects will lead to unresolvable resourceMap entities

2013-03-13 23:11 - Rob Nahf

Status:	Closed		**Start date:**	2014-10-01
Priority:	Normal		**Due date:**	2014-12-16
Assignee:	Jing Tao		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:	CCI-1.5.0			
Story Points:				

Description
When we delete objects that are part of packages, users trying to get all of the members of a package, for example, will get a NotFound for the deleted item.
Can we offer more information to users as to why it is not found? (In the text of the NotFound exception). Should we instead update the resource map to remove the relationships containing the deleted pid?

Related issues:				
Related to Infrastructure - Story #6476: Fix the bug on CN.delete and MN.delete		**Closed**	**2014-09-19**	**2014-12-16**

History

#1 - 2014-10-01 22:33 - Robert Waltz

Yes, we should have a NotFound exception with a message of 'Deleted'.

#2 - 2014-10-01 22:35 - Robert Waltz

- Assignee changed from Chris Jones to Jing Tao

Maybe look at the log event table

#3 - 2014-10-01 22:36 - Robert Waltz

- Due date set to 2014-10-01

- Target version set to Release Backlog

- Start date set to 2014-10-01

#4 - 2014-10-01 22:36 - Robert Waltz

- Target version changed from Release Backlog to CCI-1.5.0

#5 - 2014-10-13 17:33 - Jing Tao

- Due date changed from 2014-10-01 to 2014-10-13

Discussed with Rob and identified the API will involved:

MN.get
MN.getSystemmetadata
MN.describe
MN.getChecksum
MN.getRelica

CN.get
CN.getSystemmetadata
CN.dscribe
CN.getCheckSum
CN.resolve

#6 - 2014-10-15 16:55 - Jing Tao

- Due date changed from 2014-10-13 to 2014-10-15

Additional method:

MN.isAuthorized();

CN.isAuthorized();
CN.isNodeAuthorized()

#7 - 2014-10-16 18:26 - Jing Tao

- Due date changed from 2014-10-15 to 2014-10-16

CN.resolve is not implemented in Metacat. So it can't contact the event log directly.

From the documenation:
* ResolveFilter interoperates with UrlRewriteFilter to handle cn/resolve calls.
* Using a Tomcat / Spring filter chain, UrlRewriteFilter redirects the
* cn/resolve call to cn/meta, and ResolveFilter intercepts the response and
* transforms it into an ojbectLocationList

Sound like it will catch the deleted message in the exception.

#8 - 2014-10-16 18:30 - Jing Tao

Need integration tests for:
MN.getRelica

CN.isNodeAuthorized
CN.resolve

#9 - 2014-10-16 18:30 - Jing Tao

- Status changed from New to In Progress

#10 - 2014-11-13 18:40 - Jing Tao

- Due date changed from 2014-10-16 to 2014-11-13

- Status changed from In Progress to Testing

#11 - 2014-11-16 06:21 - Jing Tao

- Due date changed from 2014-11-13 to 2014-11-16

For member nodes, the data objects, metadata objects and resource maps works well.

For cn nodes, the metadata objects works well.

However, for cn nodes, the data object resolve and getsystemmetadata don't work. Since the reading a data object will give an exception "does not exist at this node" even before the deleting, i don't worry about the read action.

#12 - 2014-11-18 00:29 - Jing Tao

- Due date changed from 2014-11-16 to 2014-11-18

The resolve to data objects on cn works well.

#13 - 2014-12-16 16:47 - Jing Tao

- Due date changed from 2014-11-18 to 2014-12-16

- Status changed from Testing to Closed